Exhibit 4D

```
RCS file: /s6/cvsroot/euterpe/BOM,v
Working file: BOM
head: 5.105
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1940;  selected revisions: 3
description:
top level BOM
----------------------------
revision 5.3
date: 1995/08/16 15:02:35;  author: wampler;  state: Exp;  lines: +2 -2
Release Target: euterpe/verilog/bsrc
        OREADME.hand_routing

Added notes on final Euterpe hand-routing strategy.
----------------------------
revision 5.2
date: 1995/08/14 06:13:21;  author: vanthof;  state: Exp;  lines: +2 -2
Release Target: euterpe/compass/layouts
        f0007_scrext.ly
        f0007_ring.ly

releasing f0007_scrext.ly f0007_ring.ly
----------------------------
revision 5.1
date: 1995/08/14 04:47:16;  author: vanthof;  state: Exp;  lines: +2 -2
Release Target: euterpe/compass/layouts
        f0007.ly
        f0007_fill_m2.ly
        f0007_fill_m3.ly
        f0007_fill_m4.ly
        f0007_fill_v12.ly
        f0007_fill_v23.ly
        f0007_fill_v34.ly
        f0007_fill_v45.ly
        f0007_fill_ctpg.ly
        f0007_fill_m1.ly

releasing f0007.ly f0007_fill_m2.ly f0007_fill_m3.ly f0007_fill_m4.ly
f0007_fill_v12.ly f0007_fill_v23.ly f0007_fill_v34.ly f0007_fill_v45.ly
f0007_fill_ctpg.ly f0007_fill_m1.ly
=============================================================================

RCS file: /s6/cvsroot/euterpe/compass/BOM,v
Working file: compass/BOM
head: 7.21
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 67;     selected revisions: 2
description:
----------------------------
revision 7.2
```

```
date: 1995/08/14 06:12:59;  author: vanthof;  state: Exp;  lines: +2 -2
Release Target: euterpe/compass/layouts
        f0007_scrext.ly
        f0007_ring.ly

releasing f0007_scrext.ly f0007_ring.ly
----------------------------
revision 7.1
date: 1995/08/14 04:46:50;  author: vanthof;  state: Exp;  lines: +2 -2
Release Target: euterpe/compass/layouts
        f0007.ly
        f0007_fill_m2.ly
        f0007_fill_m3.ly
        f0007_fill_m4.ly
        f0007_fill_v12.ly
        f0007_fill_v23.ly
        f0007_fill_v34.ly
        f0007_fill_v45.ly
        f0007_fill_ctpg.ly
        f0007_fill_m1.ly

releasing f0007.ly f0007_fill_m2.ly f0007_fill_m3.ly f0007_fill_m4.ly
f0007_fill_v12.ly f0007_fill_v23.ly f0007_fill_v34.ly f0007_fill_v45.ly
f0007_fill_ctpg.ly f0007_fill_m1.ly
=============================================================================

RCS file: /s6/cvsroot/euterpe/compass/layouts/BOM,v
Working file: compass/layouts/BOM
head: 27.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 79;    selected revisions: 2
description:
releasebom adding BOM
----------------------------
revision 21.2
date: 1995/08/14 06:12:49;  author: vanthof;  state: Exp;  lines: +9 -1
Release Target: euterpe/compass/layouts
        f0007_scrext.ly
        f0007_ring.ly

releasing f0007_scrext.ly f0007_ring.ly
----------------------------
revision 21.1
date: 1995/08/14 04:46:39;  author: vanthof;  state: Exp;  lines: +11 -11
Release Target: euterpe/compass/layouts
        f0007.ly
        f0007_fill_m2.ly
        f0007_fill_m3.ly
        f0007_fill_m4.ly
        f0007_fill_v12.ly
        f0007_fill_v23.ly
        f0007_fill_v34.ly
        f0007_fill_v45.ly
        f0007_fill_ctpg.ly
```

f0007_fill_m1.ly

releasing f0007.ly f0007_fill_m2.ly f0007_fill_m3.ly f0007_fill_m4.ly
f0007_fill_v12.ly f0007_fill_v23.ly f0007_fill_v34.ly f0007_fill_v45.ly
f0007_fill_ctpg.ly f0007_fill_m1.ly
===

RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007.ly,v
Working file: compass/layouts/f0007.ly
head: 10.12
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 12;   selected revisions: 1
description:
----
revision 10.10
date: 1995/08/14 03:18:33; author: chip; state: Exp; lines: +1897 -2012
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
===

RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_ctpg.ly,v
Working file: compass/layouts/f0007_fill_ctpg.ly
head: 19.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;   selected revisions: 1
description:
----
revision 19.4
date: 1995/08/14 03:19:53; author: chip; state: Exp; lines: +29848 -30398
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
===

RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_m1.ly,v
Working file: compass/layouts/f0007_fill_m1.ly
head: 19.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;   selected revisions: 1
description:
----
revision 19.4
date: 1995/08/14 03:22:27; author: chip; state: Exp; lines: +15820 -16109
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
===

RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_m2.ly,v
Working file: compass/layouts/f0007_fill_m2.ly
head: 19.6
branch:
locks: strict

```
access list:
keyword substitution: kv
total revisions: 6;      selected revisions: 1
description:
----------------------------
revision 19.4
date: 1995/08/14 03:24:04;  author: chip;  state: Exp;  lines: +16865 -17185
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=================================================================================


RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_m3.ly,v
Working file: compass/layouts/f0007_fill_m3.ly
head: 19.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;      selected revisions: 1
description:
----------------------------
revision 19.4
date: 1995/08/14 03:26:01;  author: chip;  state: Exp;  lines: +16712 -17036
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=================================================================================


RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_m4.ly,v
Working file: compass/layouts/f0007_fill_m4.ly
head: 19.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;      selected revisions: 1
description:
----------------------------
revision 19.4
date: 1995/08/14 03:27:47;  author: chip;  state: Exp;  lines: +16646 -16955
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=================================================================================


RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_v12.ly,v
Working file: compass/layouts/f0007_fill_v12.ly
head: 19.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;      selected revisions: 1
description:
----------------------------
revision 19.4
date: 1995/08/14 03:29:33;  author: chip;  state: Exp;  lines: +14521 -14793
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=================================================================================


RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_v23.ly,v
Working file: compass/layouts/f0007_fill_v23.ly
```

```
head: 19.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;     selected revisions: 1
description:
----------------------------
revision 19.4
date: 1995/08/14 03:32:14;  author: chip;  state: Exp;  lines: +15100 -15373
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=============================================================================

RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_v34.ly,v
Working file: compass/layouts/f0007_fill_v34.ly
head: 19.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;     selected revisions: 1
description:
----------------------------
revision 19.4
date: 1995/08/14 03:34:25;  author: chip;  state: Exp;  lines: +15078 -15362
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=============================================================================

RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_fill_v45.ly,v
Working file: compass/layouts/f0007_fill_v45.ly
head: 19.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;     selected revisions: 1
description:
----------------------------
revision 19.4
date: 1995/08/14 03:36:24;  author: chip;  state: Exp;  lines: +15448 -15717
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=============================================================================

RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_ring.ly,v
Working file: compass/layouts/f0007_ring.ly
head: 21.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 3;     selected revisions: 1
description:
----------------------------
revision 21.1
date: 1995/08/14 03:37:32;  author: chip;  state: Exp;
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=============================================================================
```

```
RCS file: /s6/cvsroot/euterpe/compass/layouts/f0007_scrext.ly,v
Working file: compass/layouts/f0007_scrext.ly
head: 21.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 3;     selected revisions: 1
description:
----------------------------
revision 21.1
date: 1995/08/14 03:37:49;  author: chip;  state: Exp;
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
=============================================================================

RCS file: /s6/cvsroot/euterpe/compass/layouts/vlsi.cko,v
Working file: compass/layouts/vlsi.cko
head: 2.73
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 73;     selected revisions: 2
description:
----------------------------
revision 2.39
date: 1995/08/14 03:37:58;  author: chip;  state: Exp;  lines: +0 -9
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
----------------------------
revision 2.38
date: 1995/08/14 00:18:56;  author: chip;  state: Exp;  lines: +9 -0
periodic checkin of Sun Aug 13 17:18:53 PDT 1995
=============================================================================

RCS file: /s6/cvsroot/euterpe/compass/layouts/vlsi.log,v
Working file: compass/layouts/vlsi.log
head: 2.88
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 88;     selected revisions: 2
description:
----------------------------
revision 2.42
date: 1995/08/14 03:38:00;  author: chip;  state: Exp;  lines: +25 -0
periodic checkin of Sun Aug 13 20:17:45 PDT 1995
----------------------------
revision 2.41
date: 1995/08/14 00:18:59;  author: chip;  state: Exp;  lines: +9 -0
periodic checkin of Sun Aug 13 17:18:53 PDT 1995
=============================================================================

RCS file:
/s6/cvsroot/euterpe/msts/DUT_boards/p620_00025_0000/allegro/rnd_probe8.brd,v
Working file: msts/DUT_boards/p620_00025_0000/allegro/rnd_probe8.brd
```

```
head: 1.1
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1;      selected revisions: 1
description:
----------------------------
revision 1.1
date: 1995/08/14 16:52:39;  author: pmayer;  state: Exp;
started routing for evaluating probe ring pin assignments
=================================================================================

RCS file:
/s6/cvsroot/euterpe/msts/DUT_boards/p620_00025_0000/ged/probes/euterpe_mms_probe
/spice.1.1,v
Working file:
msts/DUT_boards/p620_00025_0000/ged/probes/euterpe_mms_probe/spice.1.1
head: 1.7
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 7;      selected revisions: 2
description:
----------------------------
revision 1.5
date: 1995/08/14 21:55:19;  author: pmayer;  state: Exp;  lines: +27 -27
changed several net names
----------------------------
revision 1.4
date: 1995/08/13 01:08:37;  author: pmayer;  state: Exp;  lines: +735 -600
added 3 new resistors
=================================================================================

RCS file:
/s6/cvsroot/euterpe/msts/DUT_boards/p620_00025_0000/ged/probes/euterpe_mms_probe
/spice.1.2,v
Working file:
msts/DUT_boards/p620_00025_0000/ged/probes/euterpe_mms_probe/spice.1.2
head: 1.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6;      selected revisions: 1
description:
----------------------------
revision 1.4
date: 1995/08/14 21:55:23;  author: pmayer;  state: Exp;  lines: +1343 -1343
changed several net names
=================================================================================

RCS file: /s6/cvsroot/euterpe/verify/status,v
Working file: verify/status
head: 3.64
branch:
```

```
locks: strict
access list:
keyword substitution: kv
total revisions: 64;     selected revisions: 3
description:
----------------------------
revision 3.54
date: 1995/08/16 22:06:06;  author: dit00;  state: Exp;  lines: +24 -0
Update
----------------------------
revision 3.53
date: 1995/08/15 21:56:42;  author: dit00;  state: Exp;  lines: +191 -0
Update
----------------------------
revision 3.52
date: 1995/08/12 20:49:48;  author: dit00;  state: Exp;  lines: +27 -0
Update
=============================================================================


RCS file: /s6/cvsroot/euterpe/verify/perf/Makefile,v
Working file: verify/perf/Makefile
head: 1.10
branch:
locks: strict
access list:
keyword substitution: kv                  \
total revisions: 10;     selected revisions: 3·
description:
----------------------------
revision 1.8
date: 1995/08/16 17:17:57;  author: dit00;  state: Exp;  lines: +4 -3
Added gexpand16_perf.S and mgexpand16_perf.S
----------------------------
revision 1.7
date: 1995/08/16 00:09:24;  author: jeffm;  state: Exp;  lines: +7 -3
Added missign rule.
----------------------------
revision 1.6
date: 1995/08/15 22:39:16;  author: jeffm;  state: Exp;  lines: +34 -26
Make faster dram versions of these tests.
=============================================================================


RCS file: /s6/cvsroot/euterpe/verify/perf/dcachemiss_perf.S,v
Working file: verify/perf/dcachemiss_perf.S
head: 1.5
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 5;     selected revisions: 1
description:
----------------------------
revision 1.5
date: 1995/08/15 22:39:18;  author: jeffm;  state: Exp;  lines: +5 -0
Make faster dram versions of these tests.
=============================================================================
```

```
RCS file: /s6/cvsroot/euterpe/verify/perf/dram_perf.S,v
Working file: verify/perf/dram_perf.S
head: 1.8
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 8;      selected revisions: 1
description:
----------------------------
revision 1.7
date: 1995/08/15 22:39:19;  author: jeffm;  state: Exp;  lines: +5 -1
Make faster dram versions of these tests.
=============================================================================

RCS file: /s6/cvsroot/euterpe/verify/perf/gexpand16_perf.S,v
Working file: verify/perf/gexpand16_perf.S
head: 3.1
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1;      selected revisions: 1
description:
----------------------------
revision 3.1
date: 1995/08/15 21:40:55;  author: claseman;  state: Exp;
initial revision
=============================================================================

RCS file: /s6/cvsroot/euterpe/verify/perf/icache_perf.S,v
Working file: verify/perf/icache_perf.S
head: 3.5
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 5;      selected revisions: 2
description:
initial revision
----------------------------
revision 3.3
date: 1995/08/17 22:04:28;  author: claseman;  state: Exp;  lines: +2 -2
fixed GTLB entry
----------------------------
revision 3.2
date: 1995/08/15 21:39:03;  author: claseman;  state: Exp;  lines: +1 -1
change GTLB mask
=============================================================================

RCS file: /s6/cvsroot/euterpe/verify/perf/icachemiss_perf.S,v
Working file: verify/perf/icachemiss_perf.S
head: 1.10
branch:
locks: strict
access list:
keyword substitution: kv
```

```
total revisions: 10;    selected revisions: 2
description:
----------------------------
revision 1.7
date: 1995/08/17 22:04:30;  author: claseman;  state: Exp;  lines: +4 -4
fixed GTLB entry
----------------------------
revision 1.6
date: 1995/08/15 21:39:12;  author: claseman;  state: Exp;  lines: +1 -1
change GTLB mask
=============================================================================

RCS file: /s6/cvsroot/euterpe/verify/perf/mgexpand16_perf.S,v
Working file: verify/perf/mgexpand16_perf.S
head: 3.1
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1;     selected revisions: 1
description:
----------------------------
revision 3.1
date: 1995/08/15 21:40:59;  author: claseman;  state: Exp;
initial revision
=============================================================================

RCS file: /s6/cvsroot/euterpe/verify/random/regdepend_r521.S,v
Working file: verify/random/regdepend_r521.S
head: 2.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 3;     selected revisions: 1
description:
----------------------------
revision 2.3
date: 1995/08/16 14:11:12;  author: dit00;  state: Exp;  lines: +3 -0
Added code to terminate properly
=============================================================================

RCS file: /s6/cvsroot/euterpe/verify/random/regdepend_r656.S,v
Working file: verify/random/regdepend_r656.S
head: 2.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 3;     selected revisions: 1
description:
----------------------------
revision 2.3
date: 1995/08/16 14:11:15;  author: dit00;  state: Exp;  lines: +3 -0
Added code to terminate properly
=============================================================================
```

```
RCS file: /s6/cvsroot/euterpe/verify/random/regdepend_r7210.S,v
Working file: verify/random/regdepend_r7210.S
head: 2.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 3;      selected revisions: 1
description:
----------------------------
revision 2.3
date: 1995/08/16 14:11:23;  author: dit00;  state: Exp;  lines: +3 -0
Added code to terminate properly
=============================================================================


RCS file: /s6/cvsroot/euterpe/verify/random/regdepend_r786.S,v
Working file: verify/random/regdepend_r786.S
head: 2.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 3;      selected revisions: 1
description:
----------------------------
revision 2.3
date: 1995/08/16 14:11:18;  author: dit00;  state: Exp;  lines: +3 -0
Added code to terminate properly
=============================================================================


RCS file: /s6/cvsroot/euterpe/verify/random/regdepend_r915.S,v
Working file: verify/random/regdepend_r915.S
head: 2.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 3;      selected revisions: 1
description:
----------------------------
revision 2.3
date: 1995/08/16 14:11:20;  author: dit00;  state: Exp;  lines: +3 -0
Added code to terminate properly
=============================================================================


RCS file: /s6/cvsroot/euterpe/verify/random/status,v
Working file: verify/random/status
head: 2.26
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 26;     selected revisions: 1
description:
----------------------------
revision 2.22
date: 1995/08/16 14:12:16;  author: dit00;  state: Exp;  lines: +8 -0
```

```
Update
===============================================================================

RCS file: /s6/cvsroot/euterpe/verify/random/template,v
Working file: verify/random/template
head: 2.33
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 33;    selected revisions: 1
description:
----------------------------
revision 2.27
date: 1995/08/16 14:12:18;  author: dit00;  state: Exp;  lines: +44 -44
Update
===============================================================================

RCS file: /s6/cvsroot/euterpe/verify/toplevel/template,v
Working file: verify/toplevel/template
head: 1.148
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 148;    selected revisions: 1
description:
----------------------------
revision 1.140
date: 1995/08/16 22:06:33;  author: dit00;  state: Exp;  lines: +28 -24
Update
===============================================================================

RCS file: /s6/cvsroot/euterpe/verilog/BOM,v
Working file: verilog/BOM
head: 6.9
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1390;  selected revisions: 1
description:
top level verilog BOM
----------------------------
revision 6.1
date: 1995/08/16 15:02:14;  author: wampler;  state: Exp;  lines: +2 -2
Release Target: euterpe/verilog/bsrc
       0README.hand_routing

Added notes on final Euterpe hand-routing strategy.
===============================================================================

RCS file: /s6/cvsroot/euterpe/verilog/bsrc/0README.hand_routing,v
Working file: verilog/bsrc/0README.hand_routing
head: 345.1
branch:
locks: strict
```

```
access list:
keyword substitution: kv
total revisions: 1;     selected revisions: 1
description:
----------------------------
revision 345.1
date: 1995/08/16 14:58:26;  author: wampler;  state: Exp;
Added notes on hand-routing method.
=================================================================================

RCS file: /s6/cvsroot/euterpe/verilog/bsrc/BOM,v
Working file: verilog/bsrc/BOM
head: 346.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1737;  selected revisions: 1
description:
----------------------------
revision 345.1
date: 1995/08/16 15:01:54;  author: wampler;  state: Exp;  lines: +5 -1
Release Target: euterpe/verilog/bsrc
      0README.hand_routing

Added notes on final Euterpe hand-routing strategy.
=================================================================================
```